

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042922\
 Data File : VX028412.D
 Acq On : 29 Apr 2022 10:08
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 30 08:16:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X042822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 29 06:09:36 2022
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	98	0.00
2 M	Dichlorodifluoromethane	1.061	0.943	11.1	86	0.00
3 M	Chloromethane	0.837	0.789	5.7	92	0.00
4 M	Vinyl Chloride	1.064	1.017	4.4	94	0.00
5 M	Bromomethane	0.876	0.831	5.1	96	0.00
6 M	Chloroethane	0.819	0.752	8.2	91	0.00
7 M	Trichlorofluoromethane	2.326	2.194	5.7	94	0.00
8 T	Diethyl Ether	0.917	0.851	7.2	93	0.00
9	1,1,2-Trichlorotrifluoroeth	1.368	1.263	7.7	96	0.00
10 M	1,1-Dichloroethene	1.131	1.015	10.3	93	0.00
11	Methyl Iodide	1.519	1.132	25.5#	81	0.00
12	Methyl Acetate	1.806	1.595	11.7	87	0.00
13 M	Acrolein	0.366	0.348	4.9	98	0.00
14 M	Acrylonitrile	0.822	0.719	12.5	85	0.00
15 M	Acetone	0.233	0.227	2.6	96	0.00
16 M	Carbon Disulfide	1.337	1.277	4.5	103	0.00
17	Allyl chloride	1.699	1.561	8.1	94	0.00
18 M	Methylene Chloride	1.453	1.279	12.0	90	0.00
19 M	trans-1,2-Dichloroethene	1.249	1.144	8.4	93	0.00
20 T	Diisopropyl ether	4.224	3.896	7.8	92	0.00
21 M	1,1-Dichloroethane	2.497	2.315	7.3	93	0.00
22 M	cis-1,2-Dichloroethene	1.759	1.596	9.3	91	0.00
23 M	tert-Butyl Alcohol	0.444	0.361	18.7	80	0.00
24 M	Methyl tert-Butyl Ether	4.973	4.499	9.5	91	0.00
25 M	Chloroform	2.934	2.707	7.7	93	0.00
26	Cyclohexane	1.578	1.513	4.1	95	0.00
27 s	1,2-Dichloroethane-d4	1.908	2.022	-6.0	103	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
29	1,1-Dichloropropene	0.319	0.298	6.6	94	0.00
30 M	2-Butanone	0.201	0.183	9.0	89	0.00
31	2,2-Dichloropropane	0.392	0.357	8.9	95	0.00
32 M	1,1,1-Trichloroethane	0.449	0.406	9.6	93	0.00
33 M	Carbon Tetrachloride	0.382	0.352	7.9	95	0.00
34 M	Benzene	1.016	0.939	7.6	94	0.00
35	Methacrylonitrile	0.203	0.175	13.8	84	0.00
36 M	1,2-Dichloroethane	0.379	0.351	7.4	93	0.00
37 M	Trichloroethene	0.311	0.283	9.0	94	0.00
38	Methylcyclohexane	0.327	0.306	6.4	94	0.00
39 M	1,2-Dichloropropane	0.267	0.242	9.4	92	0.00
40	Dibromomethane	0.205	0.185	9.8	91	0.00
41 M	Bromodichloromethane	0.389	0.357	8.2	97	0.00
42 M	Vinyl Acetate	0.623	0.579	7.1	93	0.00
43	Ethyl Acetate	0.376	0.338	10.1	89	0.00
44	Isopropyl Acetate	0.607	0.542	10.7	91	0.00
45 T	1,4-Dioxane	0.008	0.007	12.5	86	0.00
46	Methyl methacrylate	0.277	0.251	9.4	93	0.00
47	n-amyl Acetate	0.525	0.458	12.8	91	0.00
48 M	t-1,3-Dichloropropene	0.408	0.362	11.3	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.439	0.395	10.0	94	0.00
50 M	1,1,2-Trichloroethane	0.322	0.286	11.2	91	0.00
51	Ethyl methacrylate	0.461	0.402	12.8	90	0.00
52	1,3-Dichloropropane	0.504	0.453	10.1	91	0.00
53 M	Dibromochloromethane	0.330	0.298	9.7	99	0.00
54 M	1,2-Dibromoethane	0.335	0.301	10.1	91	0.00
55 M	2-Chloroethyl vinyl ether	0.242	0.223	7.9	95	0.00
56 M	Bromoform	0.254	0.217	14.6	100	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	0.436	0.386	11.5	88	0.00
59 M	2-Hexanone	0.338	0.299	11.5	87	0.00
60 S	4-Bromofluorobenzene	0.467	0.467	0.0	103	0.00
61 M	Tetrachloroethene	0.331	0.296	10.6	93	0.00
62 M	Toluene	1.301	1.197	8.0	94	0.00
63 S	Toluene-d8	1.271	1.270	0.1	100	0.00
64 M	Chlorobenzene	0.918	0.827	9.9	93	0.00
65	1,1,1,2-Tetrachloroethane	0.359	0.321	10.6	95	0.00
66 M	Ethyl Benzene	1.534	1.405	8.4	94	0.00
67 M	m/p-Xylenes	0.615	0.555	9.8	93	0.00
68 M	o-Xylene	0.625	0.556	11.0	92	0.00
69 M	Styrene	1.044	0.923	11.6	92	0.00
70	Isopropylbenzene	1.626	1.488	8.5	94	0.00
71 M	1,1,2,2-Tetrachloroethane	0.552	0.492	10.9	91	0.00
72	1,2,3-Trichloropropane	0.491	0.446	9.2	92	0.00
73	Bromobenzene	0.438	0.381	13.0	92	0.00
74	n-propylbenzene	1.813	1.659	8.5	95	0.00
75	2-Chlorotoluene	1.123	1.018	9.3	94	0.00
76	1,3,5-Trimethylbenzene	1.363	1.246	8.6	94	0.00
77	t-1,4-Dichloro-2-butene	0.149	0.120	19.5	96	0.00
78	4-Chlorotoluene	1.270	1.152	9.3	95	0.00
79	tert-butylbenzene	1.383	1.242	10.2	96	0.00
80	1,2,4-Trimethylbenzene	1.369	1.251	8.6	95	0.00
81	sec-Butylbenzene	1.640	1.498	8.7	96	0.00
82	p-Isopropyltoluene	1.423	1.308	8.1	97	0.00
83 M	1,3-Dichlorobenzene	0.822	0.744	9.5	96	0.00
84 M	1,4-Dichlorobenzene	0.836	0.747	10.6	95	0.00
85	n-Butylbenzene	1.149	1.037	9.7	97	0.00
86 T	Hexachloroethane	0.224	0.200	10.7	103	0.00
87 M	1,2-Dichlorobenzene	0.828	0.747	9.8	95	0.00
88	1,2-Dibromo-3-Chloropropane	0.118	0.099	16.1	91	0.00
89	1,2,4-Trichlorobenzene	0.517	0.450	13.0	95	0.00
90	Hexachlorobutadiene	0.219	0.194	11.4	97	0.00
91 M	Naphthalene	1.808	1.521	15.9	89	0.00
92	1,2,3-Trichlorobenzene	0.519	0.440	15.2	93	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0